

Devianshi Goyal

+1 (602) 791-4327 | devianshig22@gmail.com | <https://www.linkedin.com/in/devianshig/> | <https://github.com/coderG13> | <https://devianshigoyal.com/>

EDUCATION

Bachelor of Science in Computer Science
Arizona State University

Expected May 2026
Tempe, AZ

TECHNICAL SKILLS

Programming Languages: Python, C, C++, C#, Java, MATLAB, JavaScript, Scheme, HTML, CSS, SQL, Linux, Bash Scripting

Library/Framework: JavaFX, Crypto, Animate.css, Wow.js, Bootstrap, Node.js, Django, React, Pandas, Flask, Firebase SDK

Web Development: REST APIs, Responsive design, Asynchronous JavaScript, DOM Manipulation, Authentication & Authorization, API Integration

Tools: Git, GitHub, Pycharm, Eclipse, Visual Studio, VSCode, Arduino, Bash, Jira, PostgreSQL, Docker, LLMs

Certifications: Udemy C Programming, Cloud Computing, Ethical Hacking in IoT and Cyber Space

PROFESSIONAL EXPERIENCE

Technology Consultant July 2024 – Present
LX Space Success at Arizona State University Tempe, AZ

- Provide technical guidance for 500+ faculty and 20,000+ students, ensuring 99.9% availability of emerging technology across 120+ smart classrooms by proactively maintaining mission-critical AV and instructional systems.
- Created and implemented a comprehensive digital operations manual, which lowered repeated technical issues by 30% and accelerated troubleshooting workflows by 40%.
- Lead individualized and group training sessions for faculty, leveraging strong communication skills to diagnose and resolve complex technical problems on-site, ensuring continuous improvement and seamless instructional delivery.

Software Development Intern May 2025 – Aug. 2025
Gurus of Web Technologies Pvt. Ltd. Remote

- Engineered a modular, object-oriented Flask REST API featuring PostgreSQL, JWT authentication, applying strong problem-solving skills to design structured service layers and boost backend reliability by 40% through PyTest-driven testing and systematic error-handling.
- Developed a full-stack task management system using Jinja2, Bootstrap, and JavaScript, enabling 10+ team members to track deadlines, priorities, and sprint status in real time, increasing sprint execution efficiency by 25%.
- Optimized database performance and API response times by refactoring query logic, implementing index-based lookups, and introducing caching strategies, resulting in a 35% faster average endpoint response time and smoother user experience.

Technical Intern - Business Support Systems Oct. 2021 – July 2022
Krishna Steel Udyog Haryana, India

- Streamlined inventory and supply chain tracking in a mid-scale aluminum manufacturing unit by automating manual workflows using Python, Pandas, and spreadsheet scripting, reducing reporting time by 50% and improving data consistency.
- Designed and deployed a modern product website using HTML, CSS, and JavaScript, enabling online product showcasing and order placement, which improved business reach and facilitated digital sales processing for the first time in company history.

PROJECTS

Foxhole Lounge - Mobile App Aug. 2025 – Present

- Architected scalable posting and authentication flows for a social platform serving 500+ U.S. veterans, integrating Flutter, Firebase Auth, and Firestore to support real-time content sharing, comments, and profile interactions; boosted component efficiency by 60% via modular code structure and optimized Bloc state logic, collaborating in a team of 4 using Git, GitHub, Agile, and Jira to ensure reliable, community-driven feature rollouts.

Discord Meme Bot - Python Application Sep. 2025

- Built an async Python Discord bot using REST API integration and non-blocking event loops to enable real-time interactions for 60+ concurrent users, improving responsiveness and engagement in meme-sharing communities.

Custom Search Engine with Exa April 2025

- Designed and deployed a scalable full-stack semantic search engine using Python, Flask, and Exa API, delivering high-precision results (~35% accuracy improvement) across 4+ domains (TikTok, Wikipedia, Twitter, Docs) via custom ranking logic, domain-specific filters, and structured metadata extraction. Streamlined backend pipelines and optimized JSON workflows to cut query latency by ~40%, enabling real-time responses under 300ms and supporting production-grade performance.

LEADERSHIP

Event Coordinator, Punjabi Student Association (PSA) Oct. 2025 – Present

Elemental Member, American Association for the Advancement of Science (AAAS) Jan. 2025 – Present